



PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2001168885 A

(43) Date of publication of application: 22.06.2001

(51) Int. Cl. H04L 12/28

H04L 13/08

(21) Application number: 2000326389

(22) Date of filing: 26.10.2000

(30) Priority: 12.11.1999 EP 1999 99402809

(71) Applicant: **ALCATEL**

(72) Inventor: **BESSET-BATHIAS CLAIRE**

(54) CONGESTION CONTROL OF AAL2 CONNECTION

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a method for managing a data packet generated from a frame.

SOLUTION: This data packet is presented to a buffer⁴ 40, before being processed. When the data packet⁵ 42 corresponding to the head of the frame is presented to a buffer stage, it is decided whether the filling level of the buffer 40 exceeds a first prescribed filling threshold 44 corresponding to a congestion state, and the data packet and the whole data packets belonging to the frame being the same as that of the data packet⁶ 42 are abandoned systematically, before the buffer when it is decided that the level exceeds the threshold. The frame is generated from an AAL2 connection, e.g. and each frame constitutes each ATM adaptation layer service data unit (AAL2SDU). In this case, the data packet

is a common part sub-layer(CPS) packet, and the CPS packet is stored to the buffer 40, before the CPS packet is multiplexed to be an asynchronous transfer mode(ATM) cell.

COPYRIGHT: (C)2001.JPO

